

ABSTRACT

A control machine which uses a data amount stored in an FIFO as a trigger and allows a DMA transfer to be started according to a capacity of the FIFO allows a control machine for preparing for the DMA transfer to start to prepare a command and the like for the DMA transfer. The control machine for preparing for the DMA transfer issues the prepared command to a control machine for transferring DMA data, so that a process according to the command is started. At the time of the DMA transfer, a burden on a host CPU is reduced.